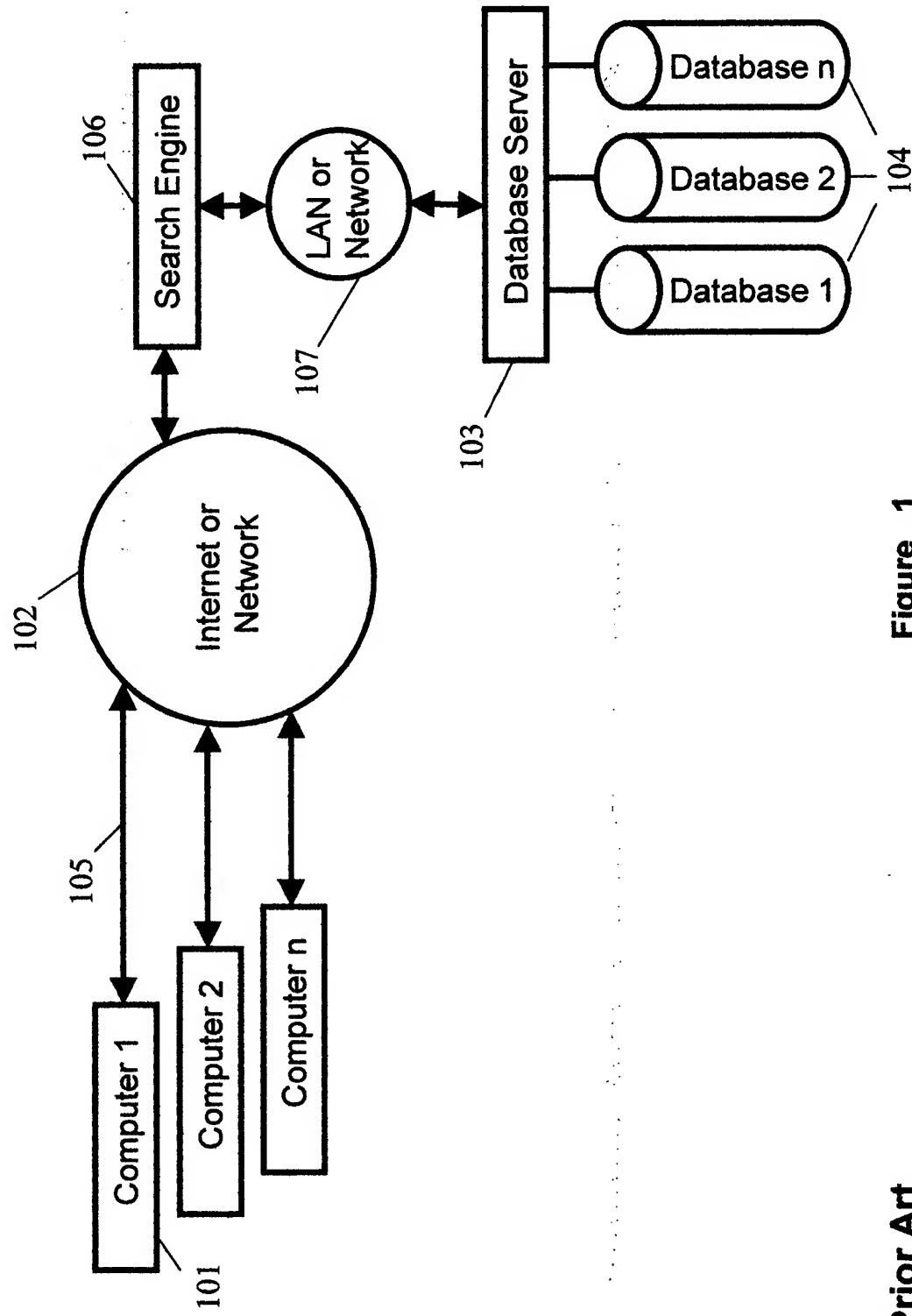


Conventional Network Based Information Search Paradigm

"Information Retrieval and Display System"

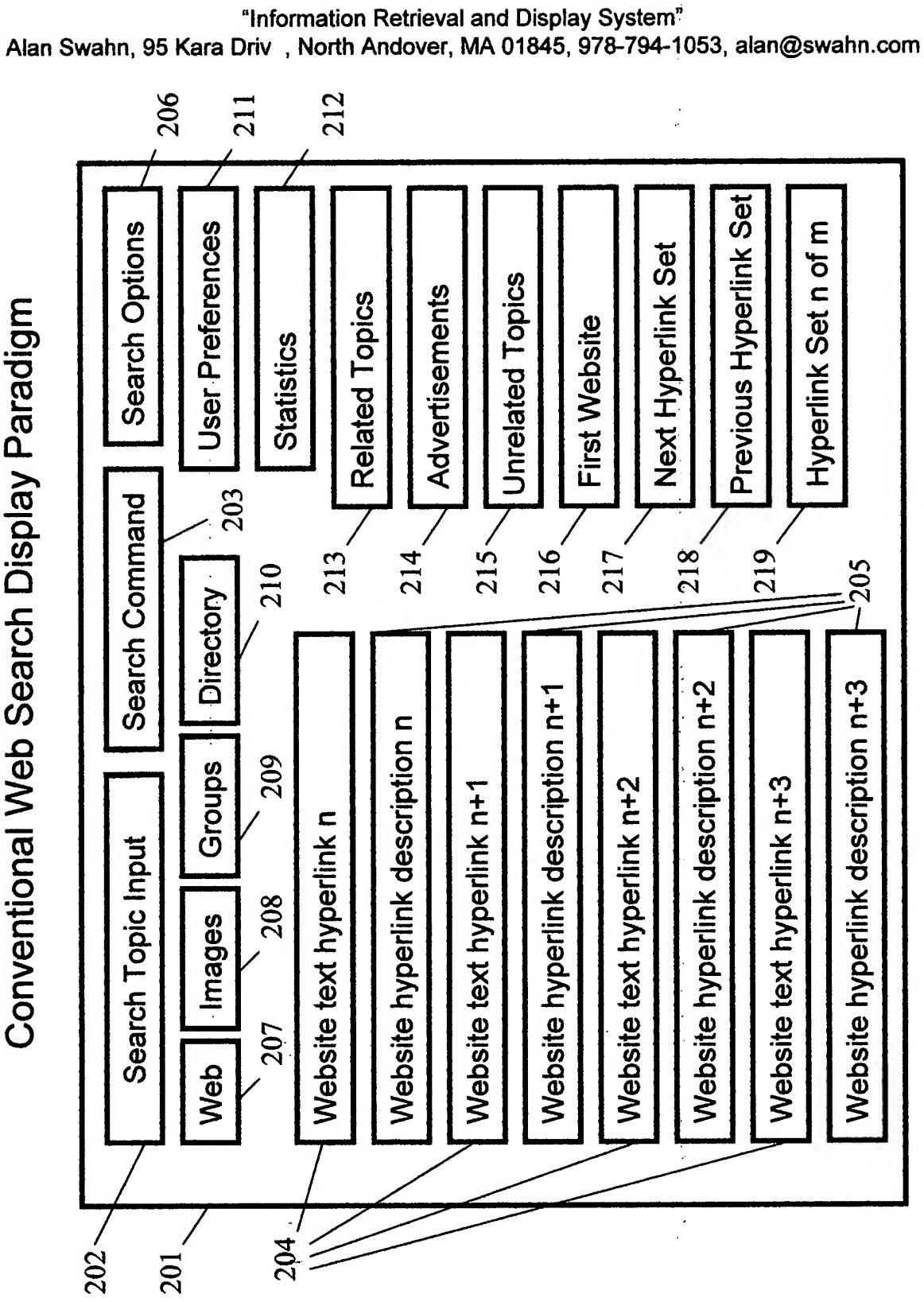
Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com



Prior Art

Figure 1

Conventional Web Search Display Paradigm



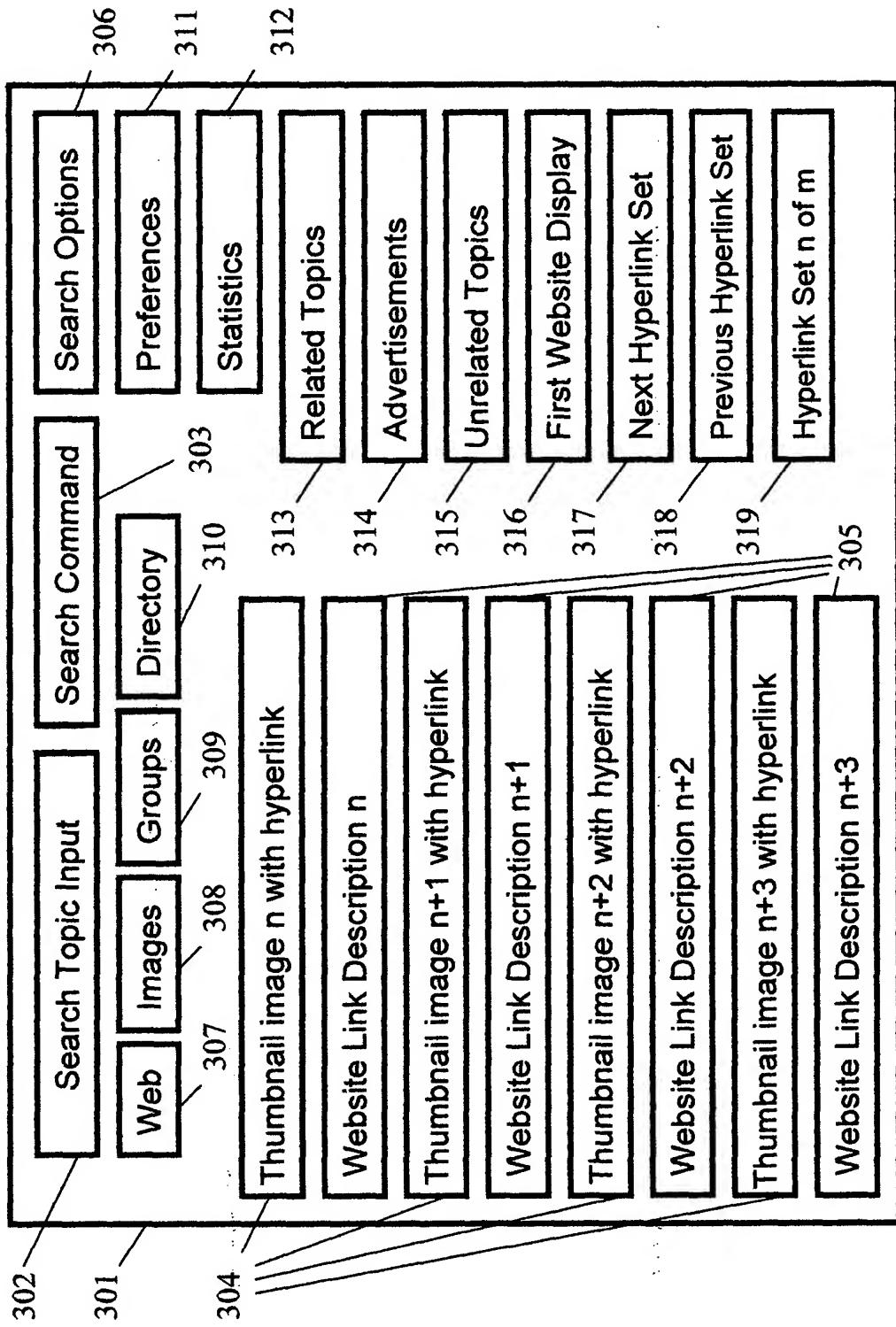
Prior Art

Figure 2

Conventional Image Search Display Paradigm

"Information Retrieval and Display System"

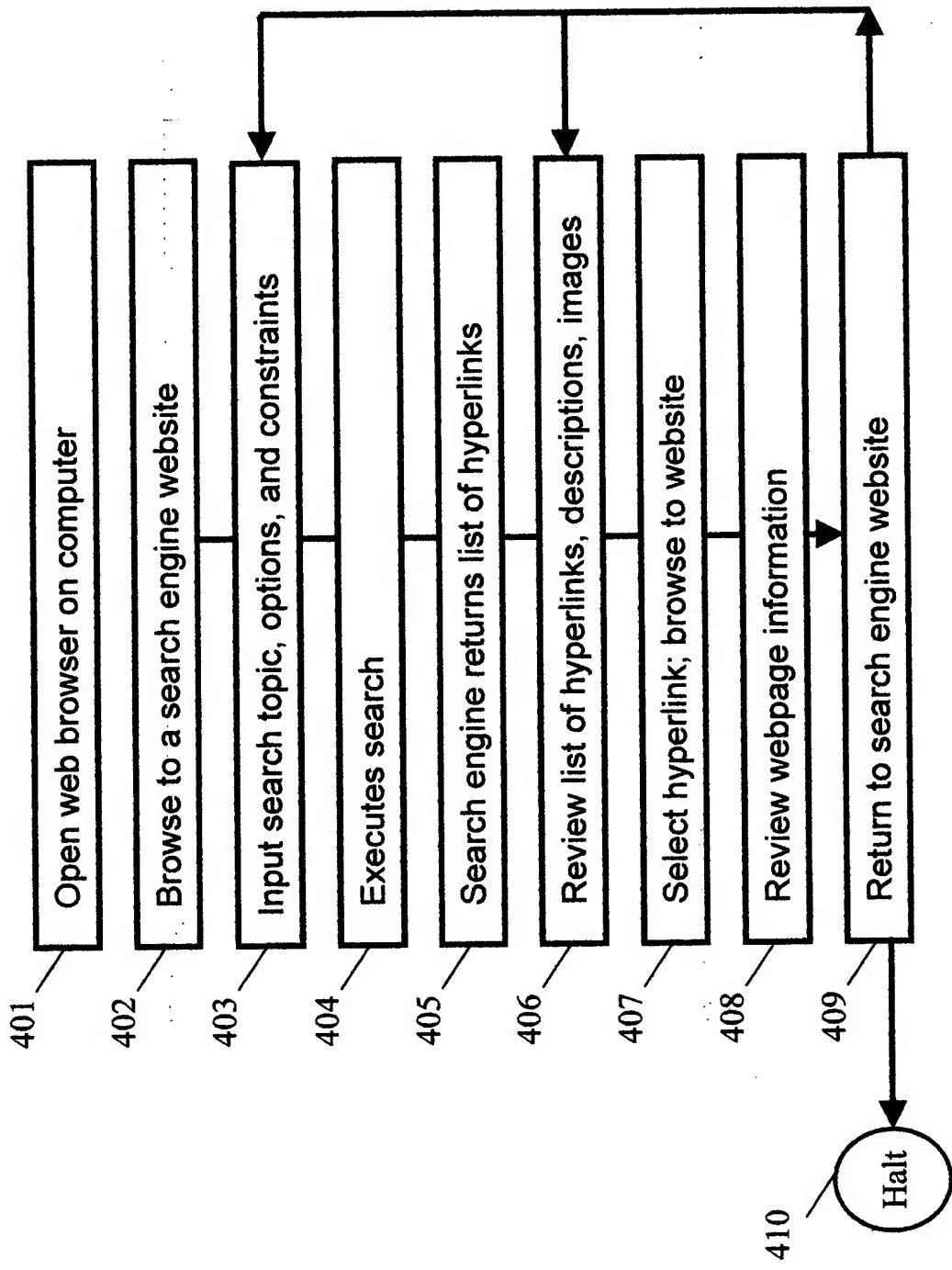
Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com



Prior Art

Figure 3

Conventional Information Acquisition and Review Cycle



Prior Art

Figure 4

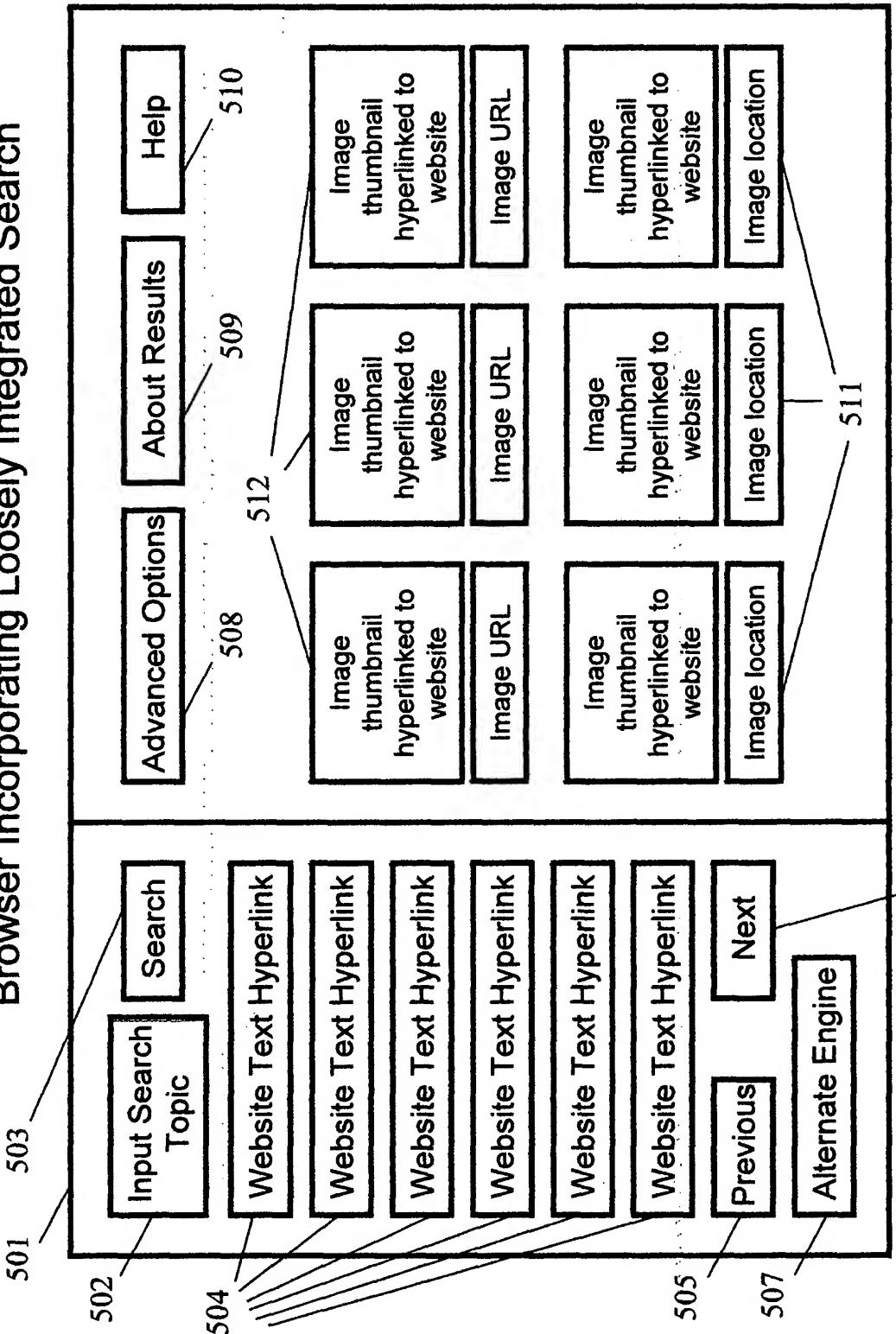
"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

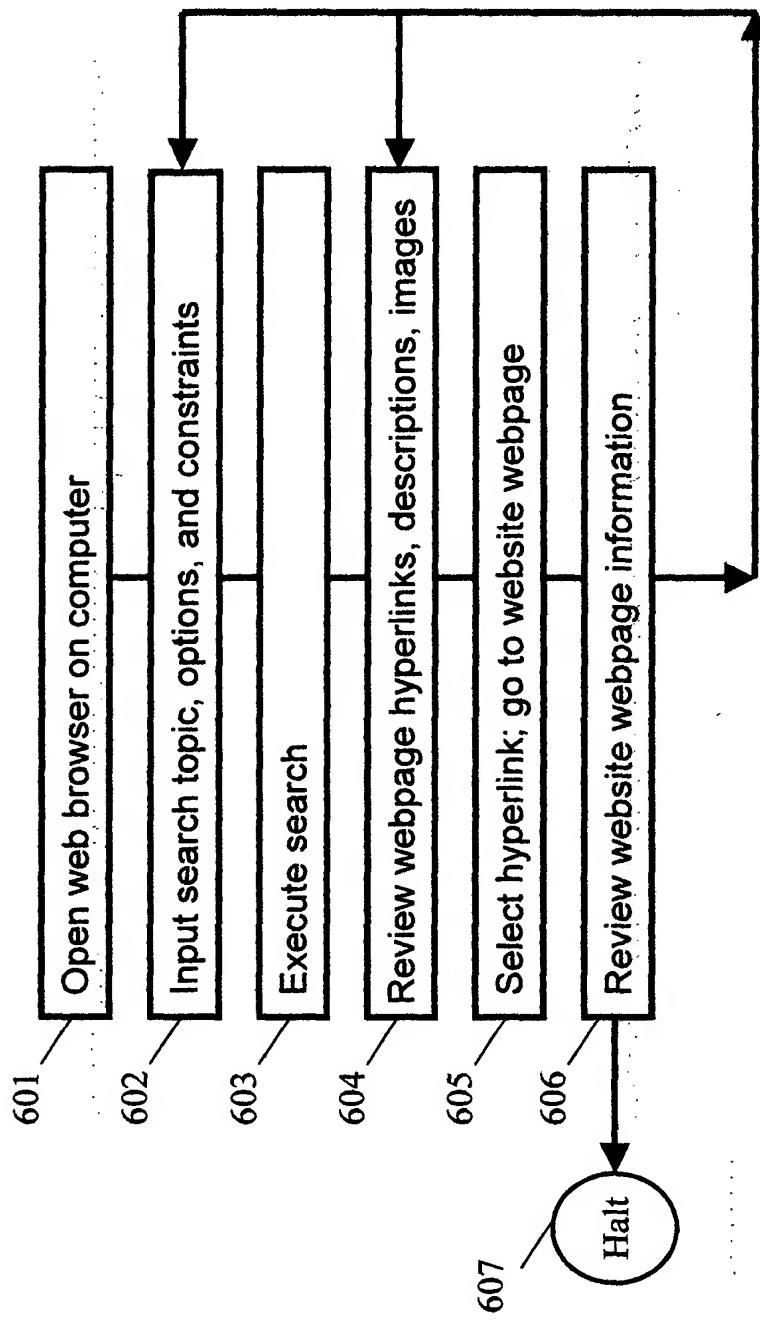
Browser Incorporating Loosely Integrated Search



Prior Art

Figure 5

**Conventional Information Acquisition and Review Cycle
for a Browser Incorporating Loosely Integrated Search**



Prior Art

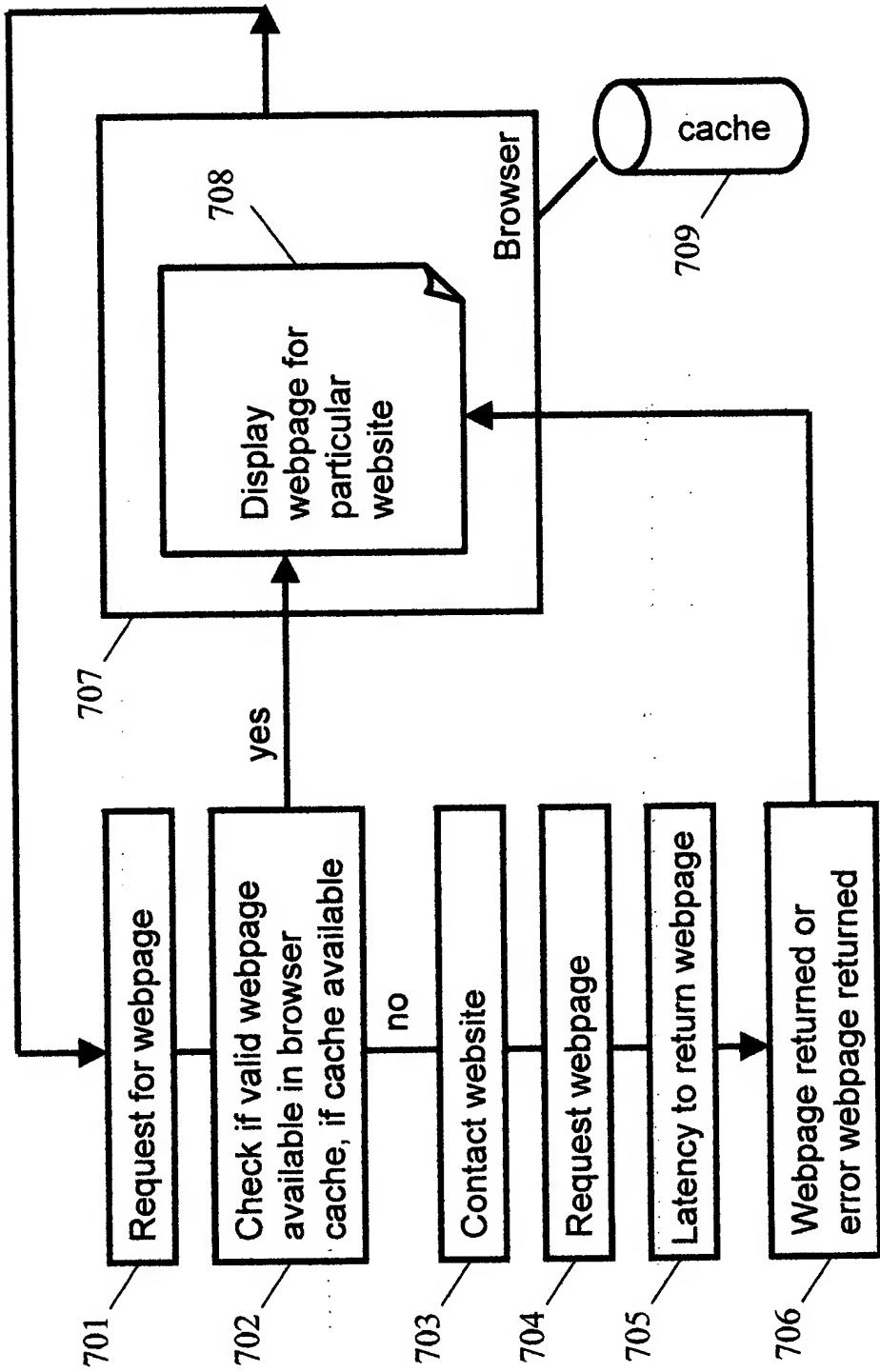
Figure 6

"Information Retrieval and Display System"
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"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

Conventional Serial Webpage Loading Cycle



Prior Art

Figure 7

Information Retrieval and Display System ("IRDS")
IRDS Enhanced Browser or Add-on to Conventional Browser

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

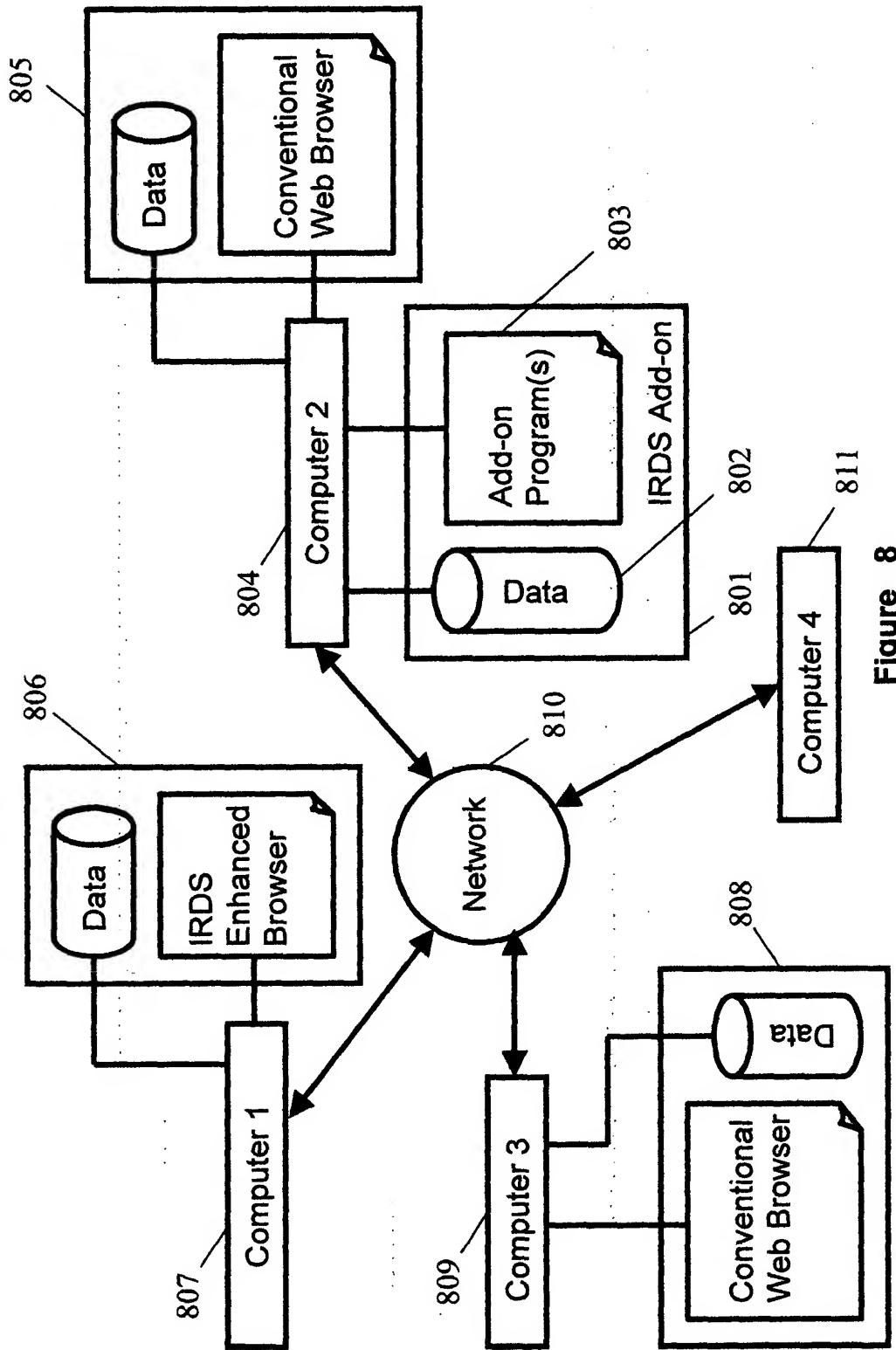


Figure 8

"Information Retrieval and Display System"
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IRDS Enhanced Browser Single Webpage Display

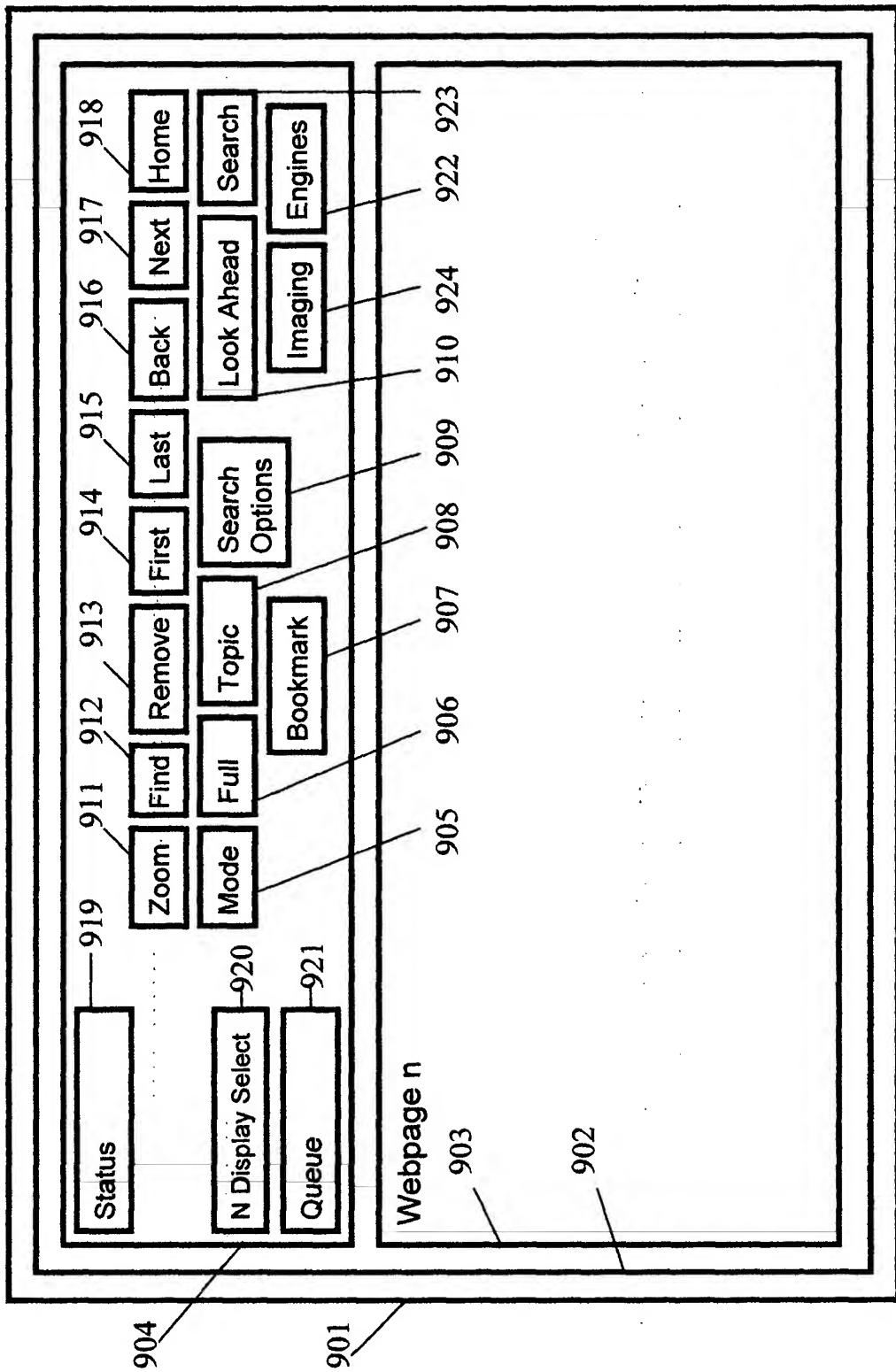


Figure 9

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

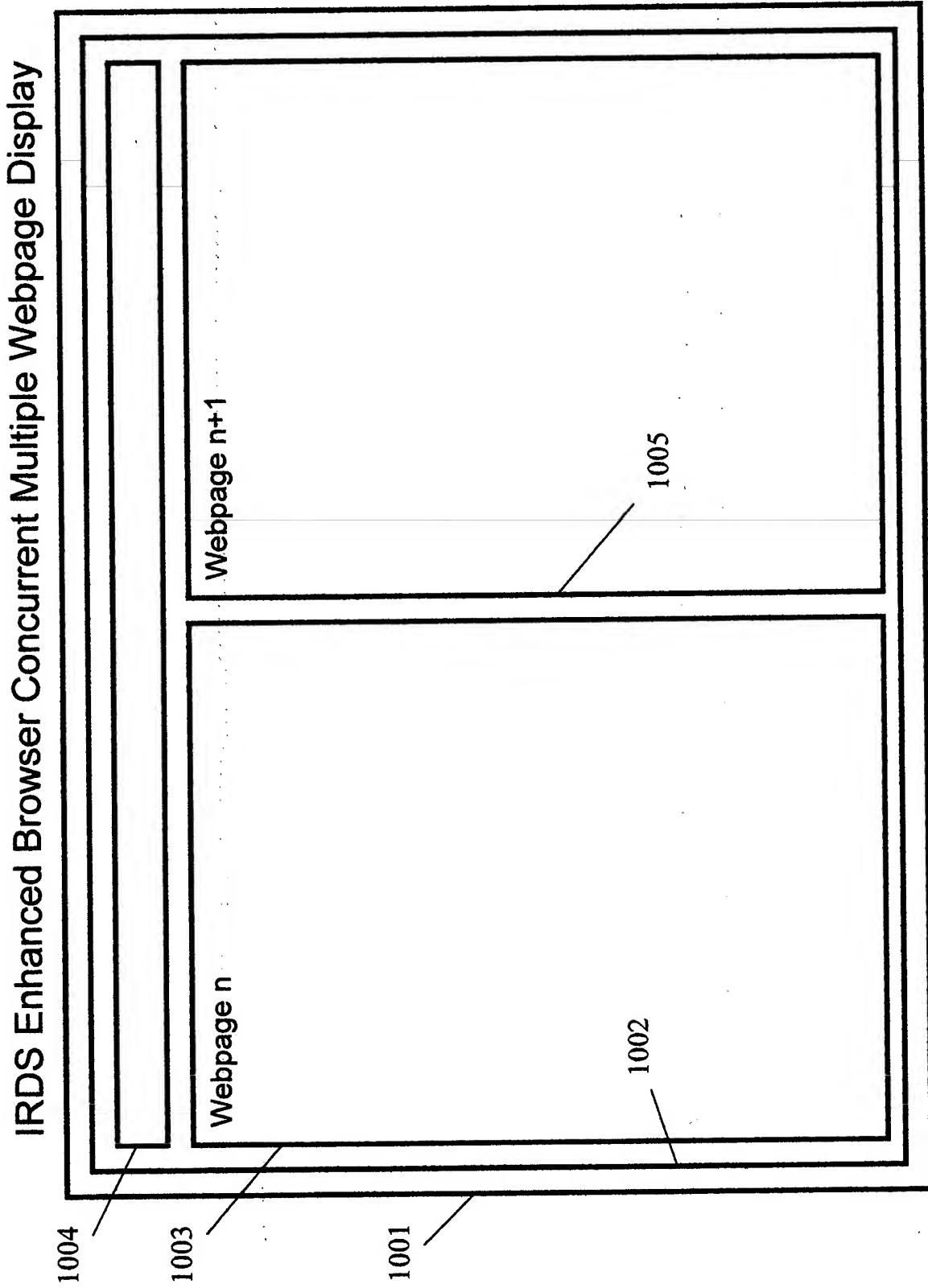


Figure 10

"Information Retrieval and Display System"

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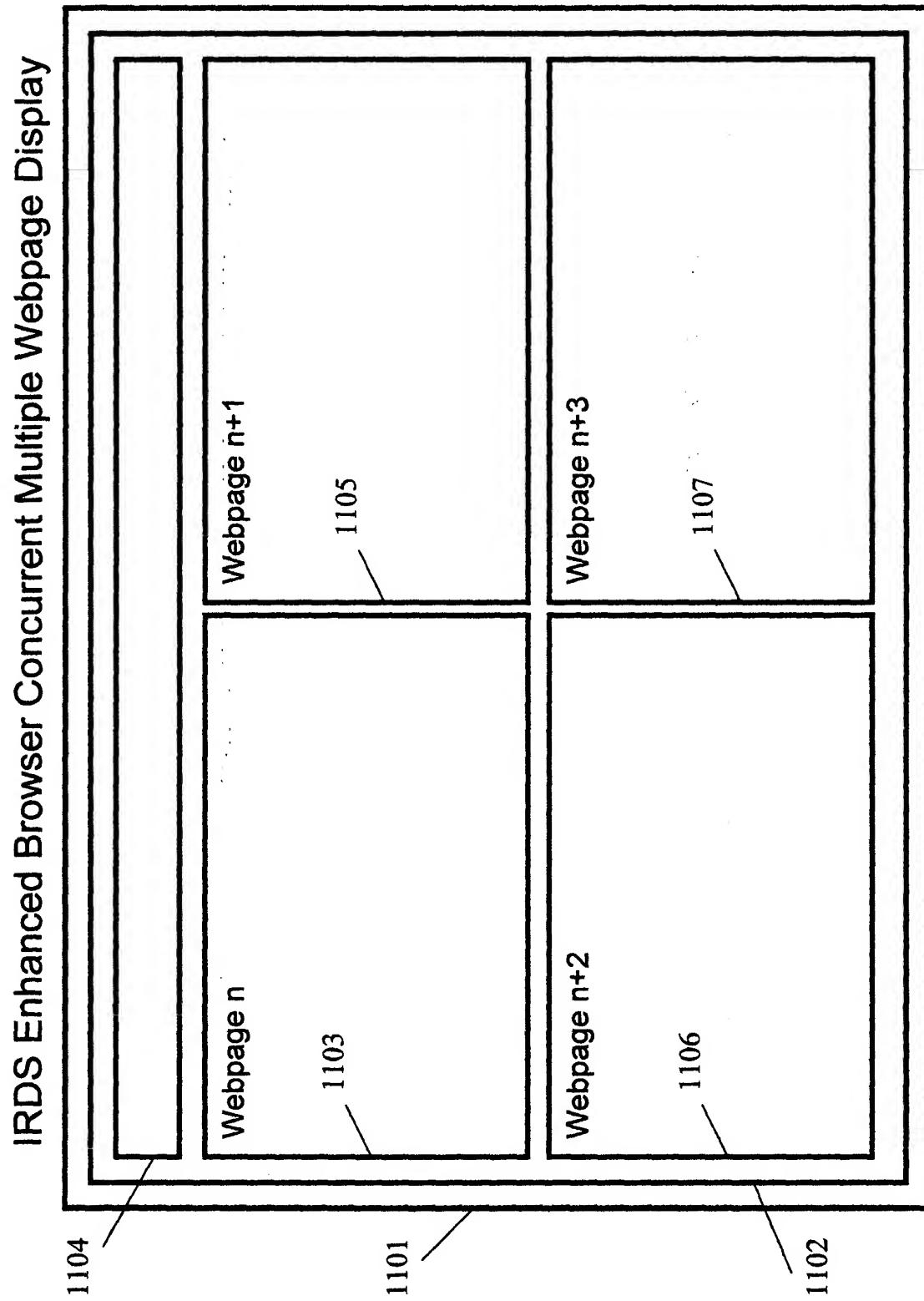


Figure 11

"Information Retrieval and Display System"
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IRDS Enhanced Browser Concurrent Multiple Webpage Display

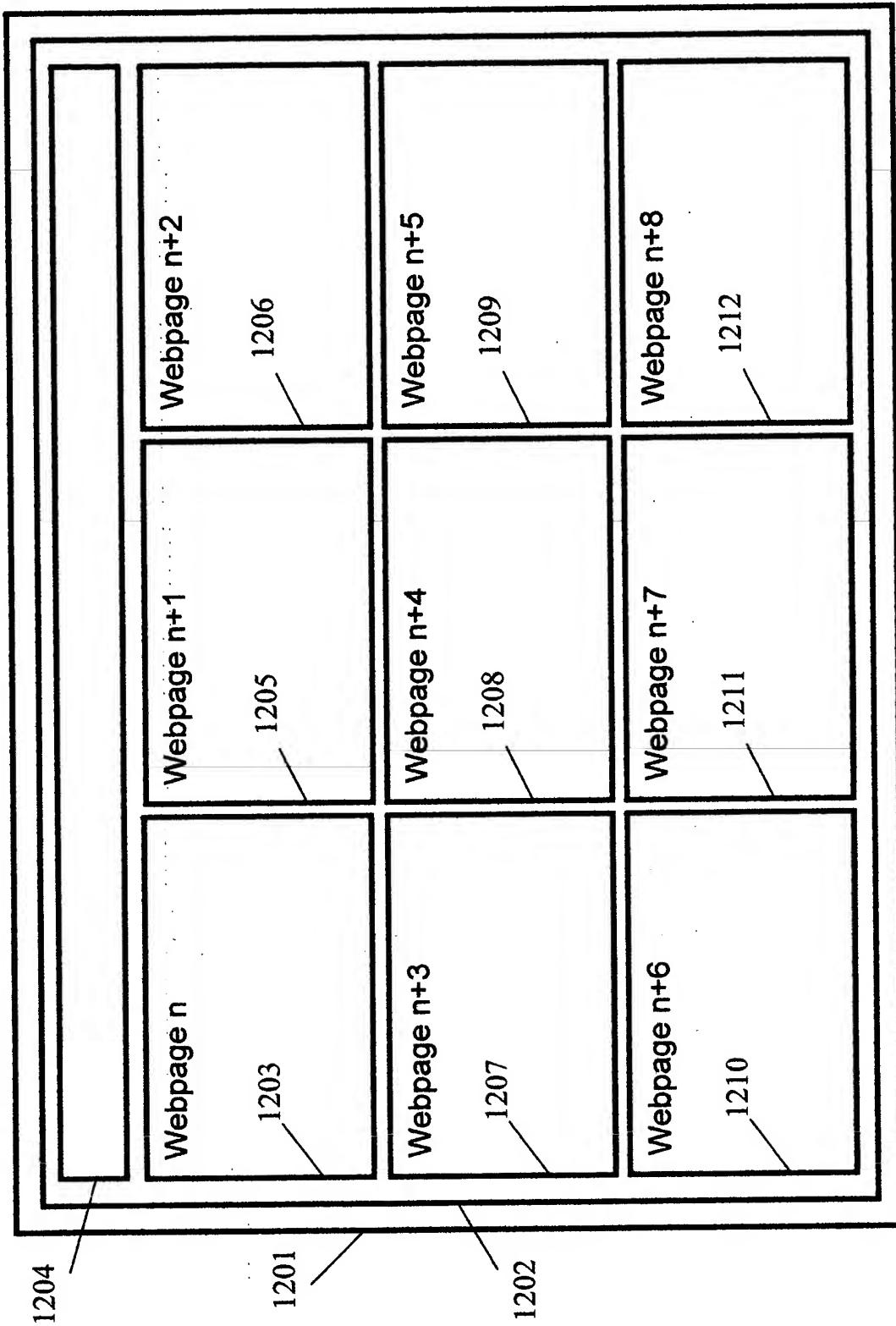


Figure 12

IRDS Based Information Acquisition and Review Cycle

"Information Retrieval and Display System"
Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

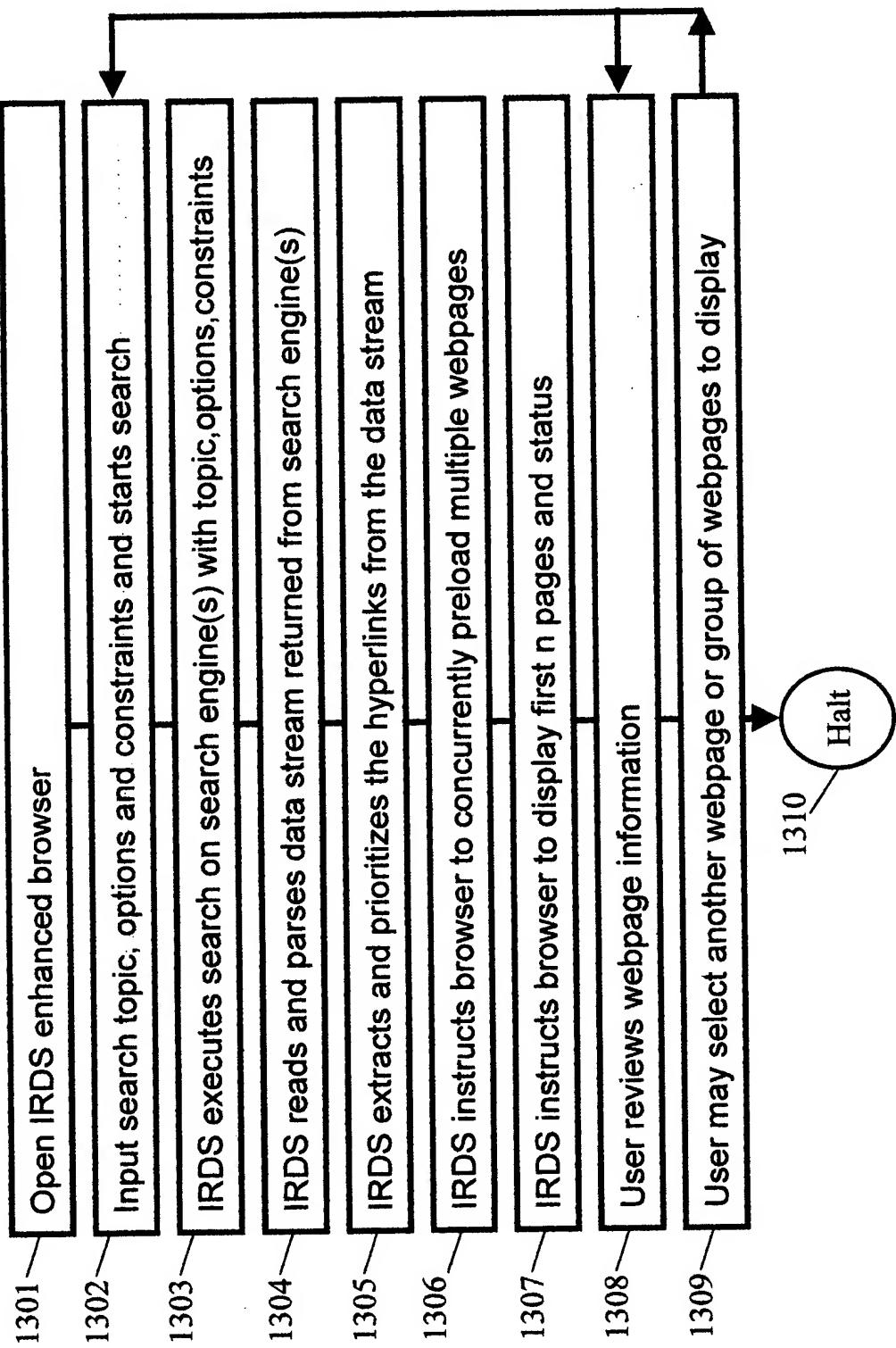


Figure 13

IRDS Directed Concurrent Multiple Webpage Preloading

"Information Retrieval and Display System"
Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

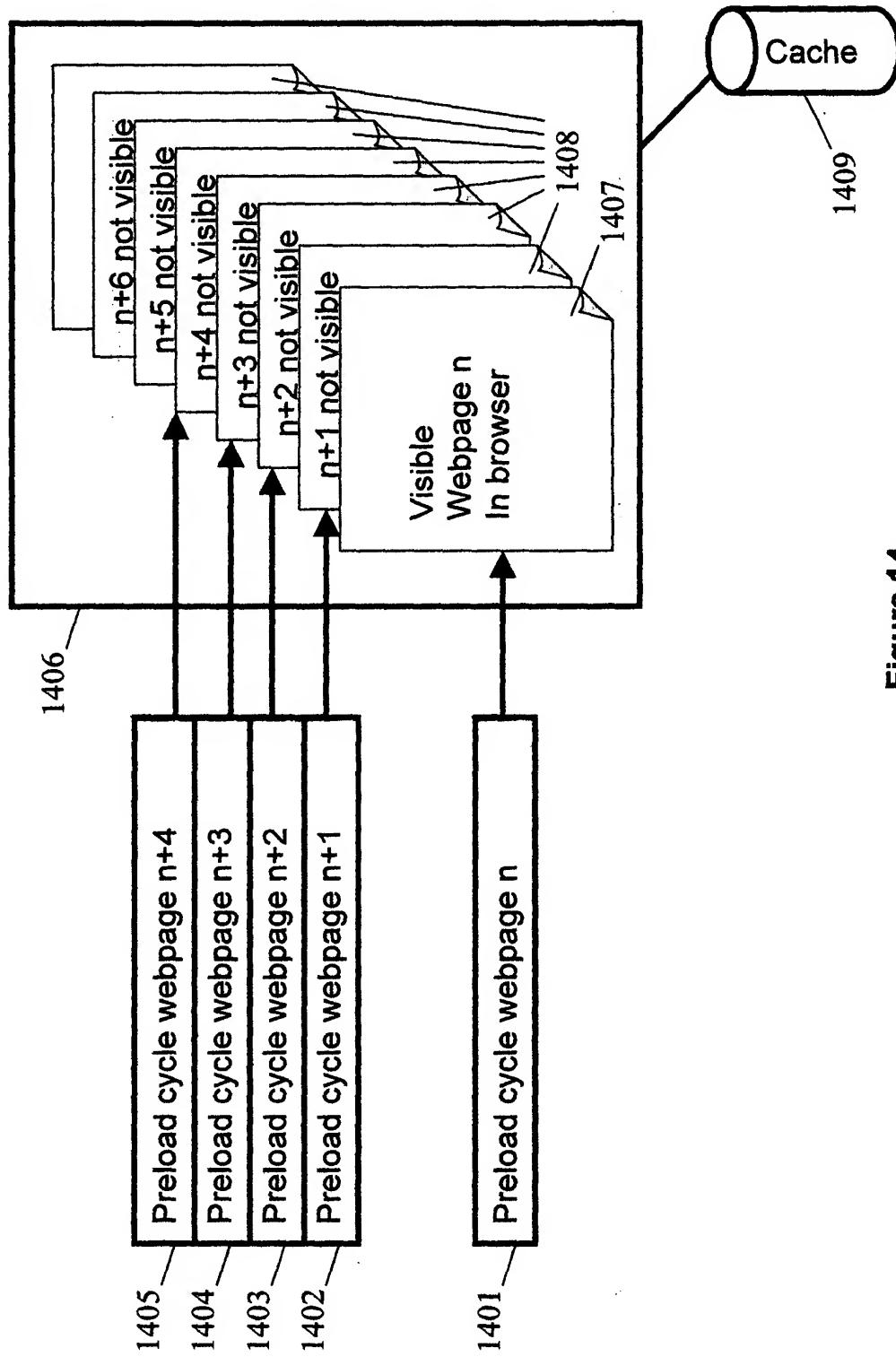


Figure 14

IRDS Directed Next-In-Queue Webpage Preloading

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

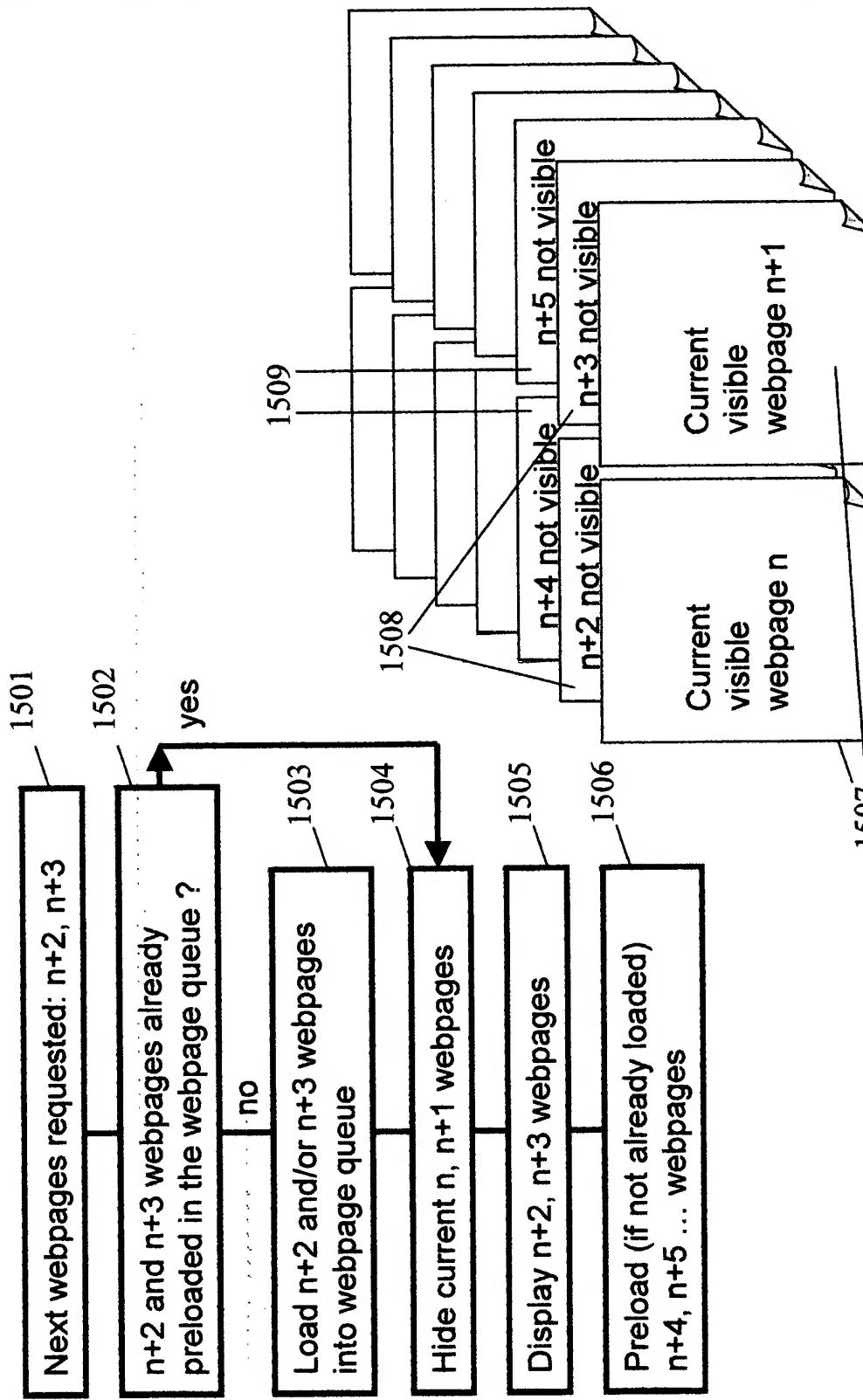


Figure 15

IRDS Directed Periodic Webpage Preloading

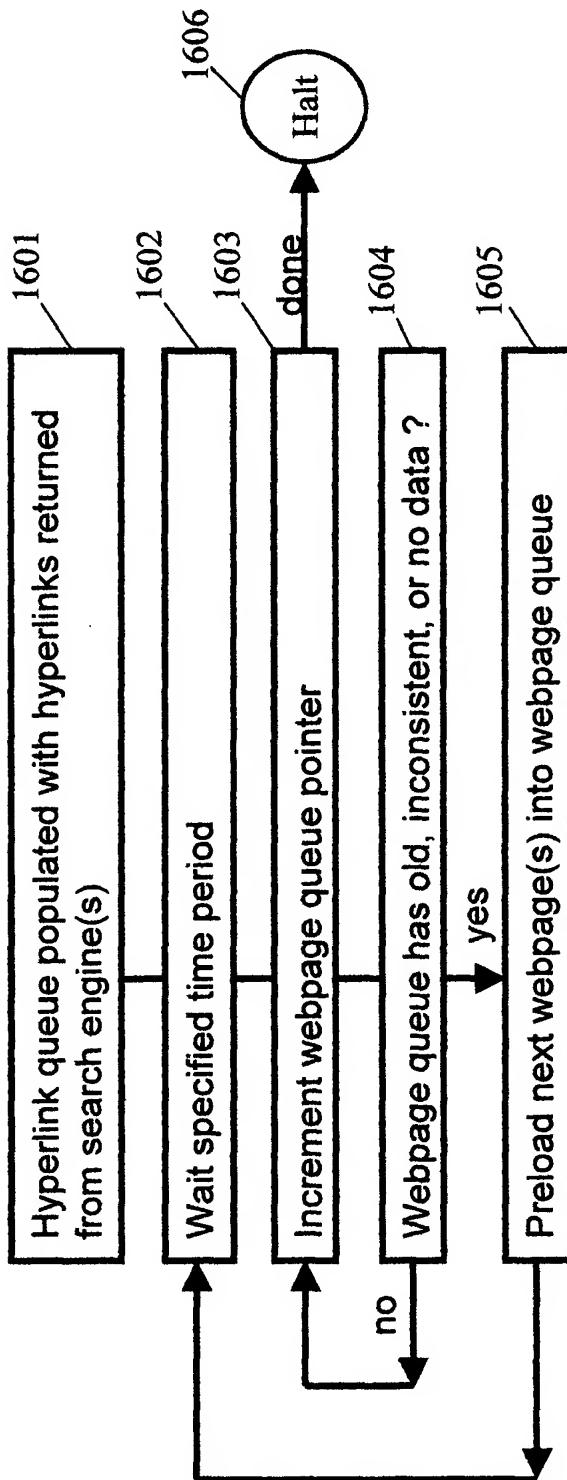


Figure 16

"Information Retrieval and Display System"

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**IRDS Directed Periodic Webpage Preloading
with Loading Collision Avoidance**

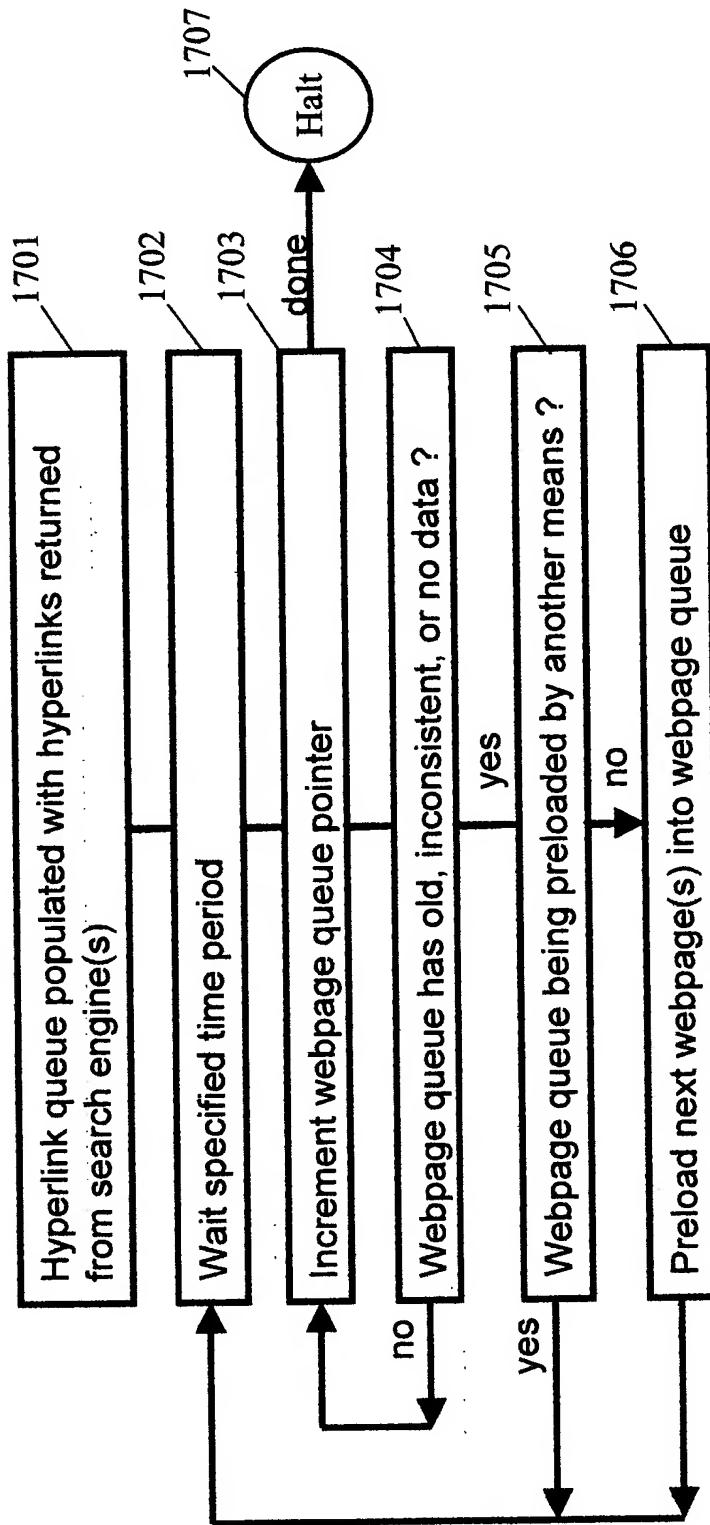


Figure 17

IRDS Directed Periodic Webpage Preloading with Network and Processor Saturation Avoidance

"Information Retrieval and Display System"
Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

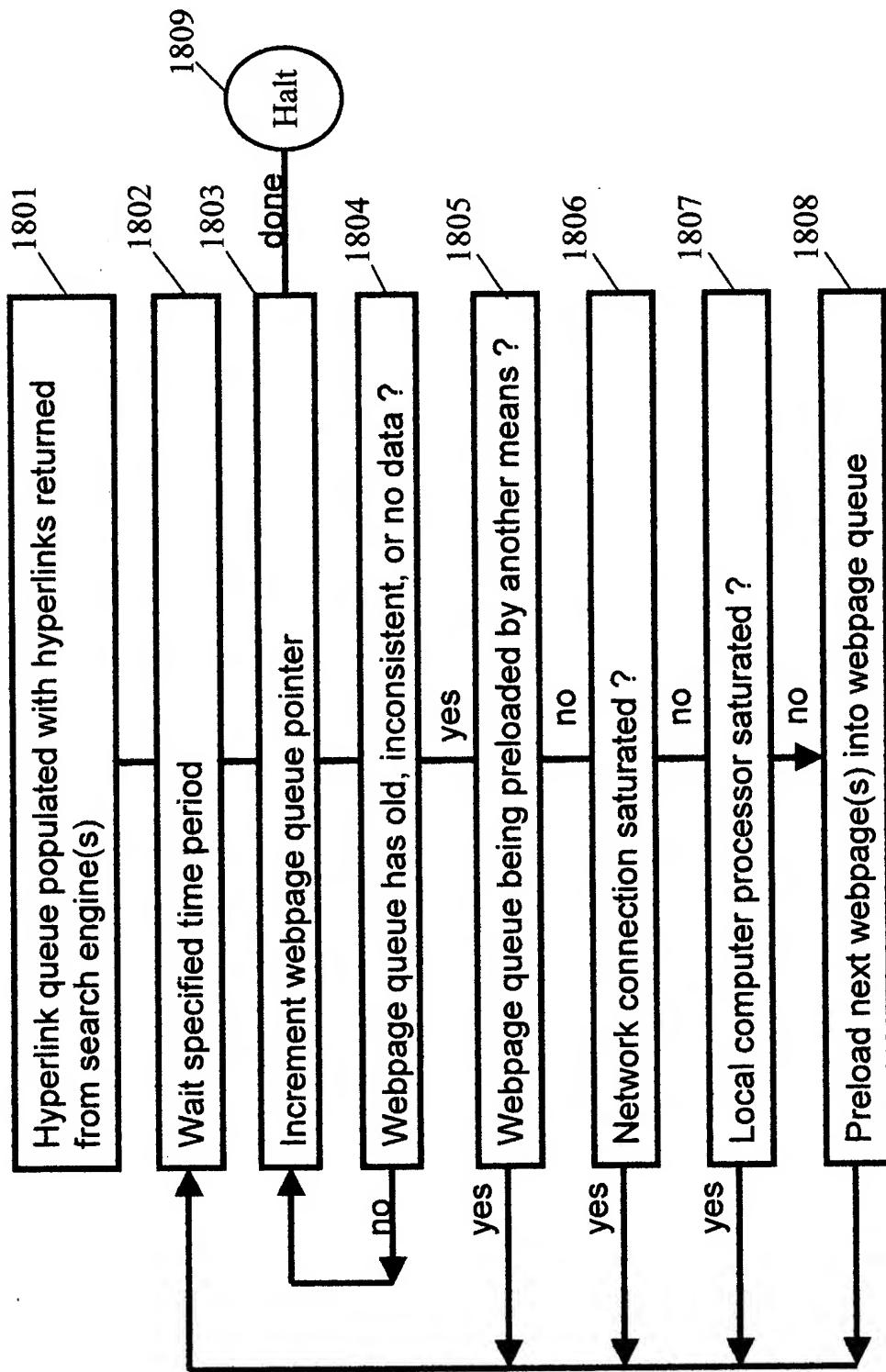


Figure 18

"Information Retrieval and Display System"
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IRDS Directed Descendant Webpage Preloading

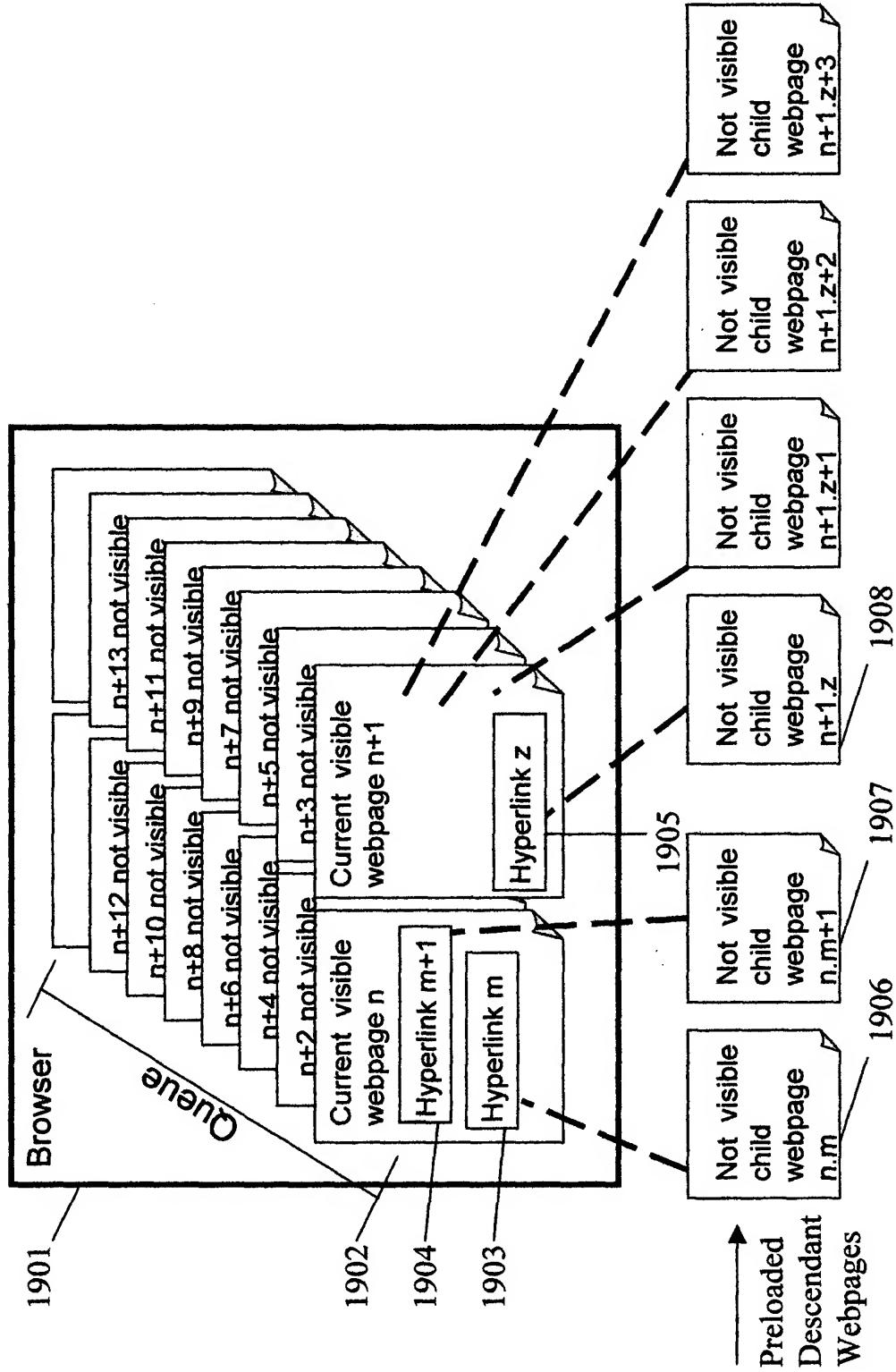


Figure 19

IRDS Enhanced Browser Set Number of Pages to Display Function

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

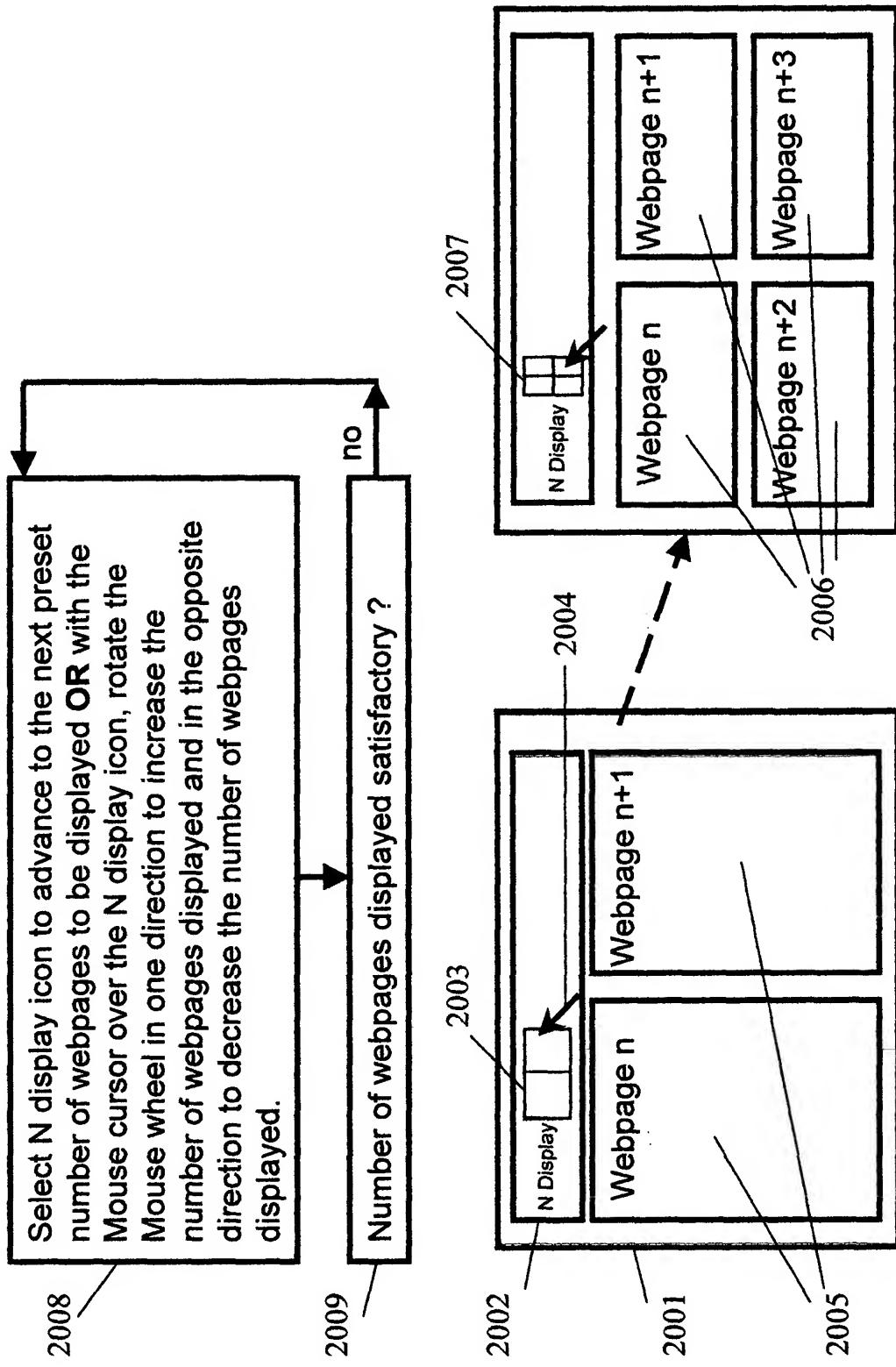


Figure 20

"Information Retrieval and Display System"

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IRDS Enhanced Browser Zoom Webpage Function

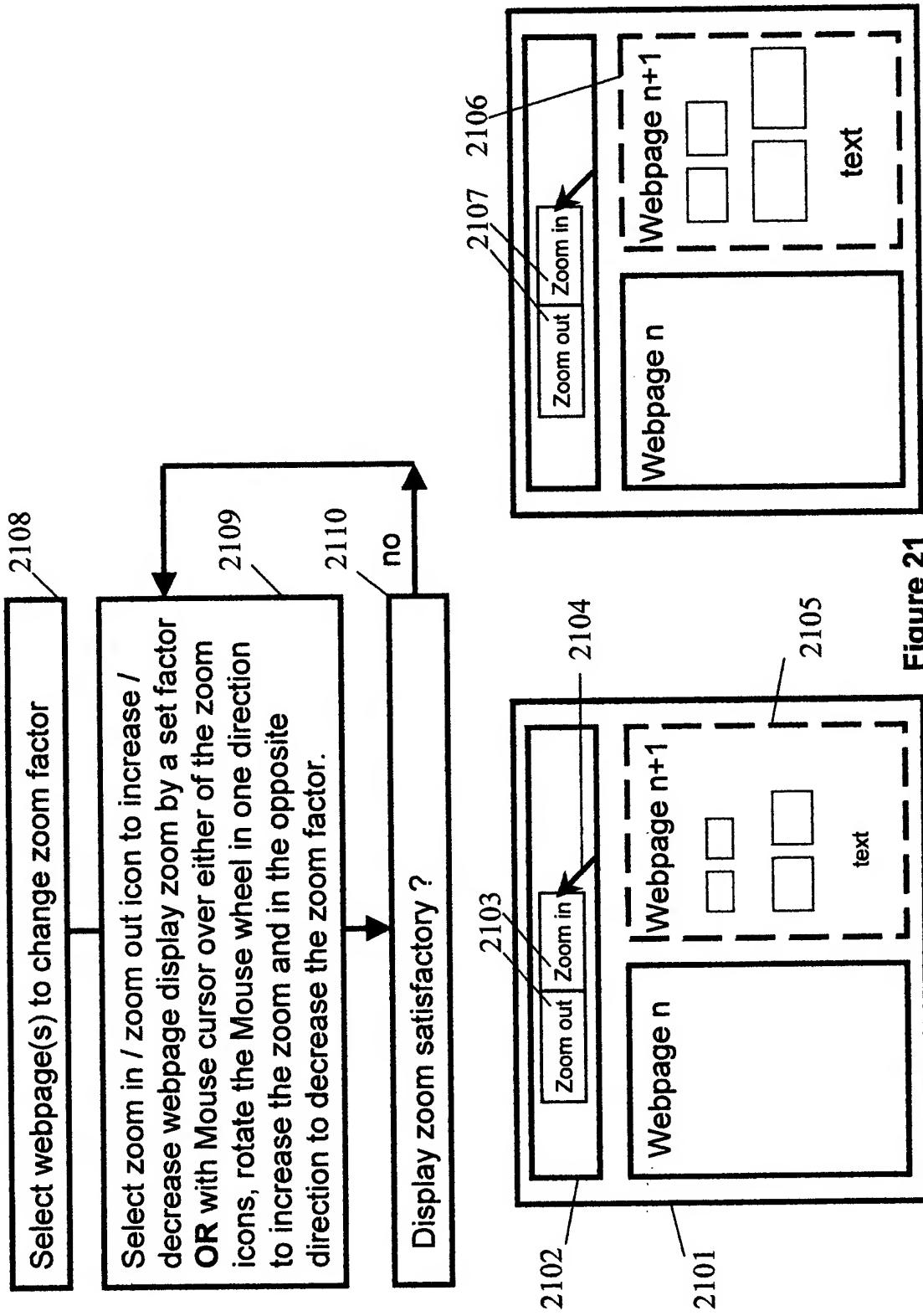


Figure 21

IRDS Enhanced Browser Full Display Function

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

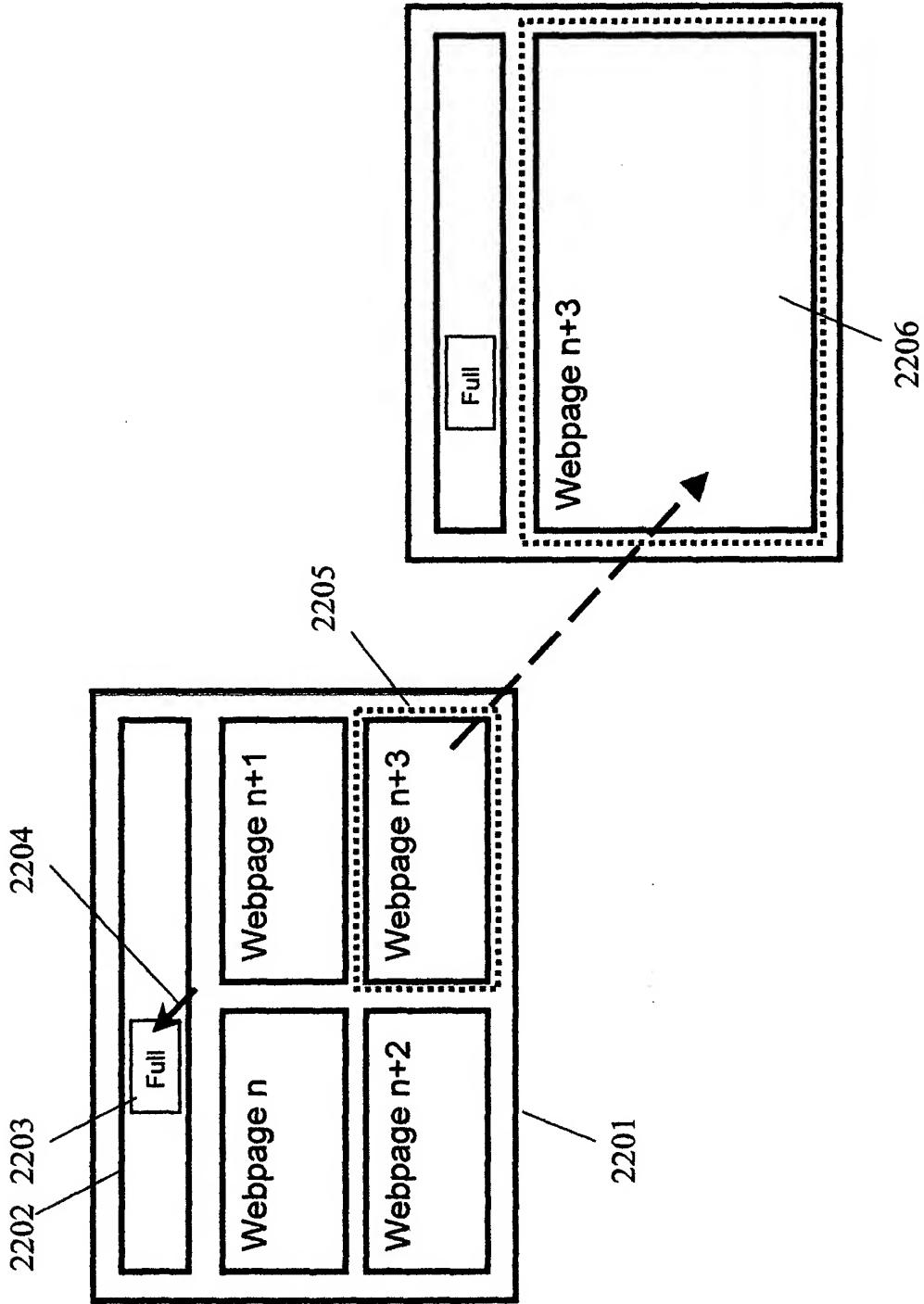


Figure 22

IRDS Enhanced Browser to Conventional Browser Mode Function

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

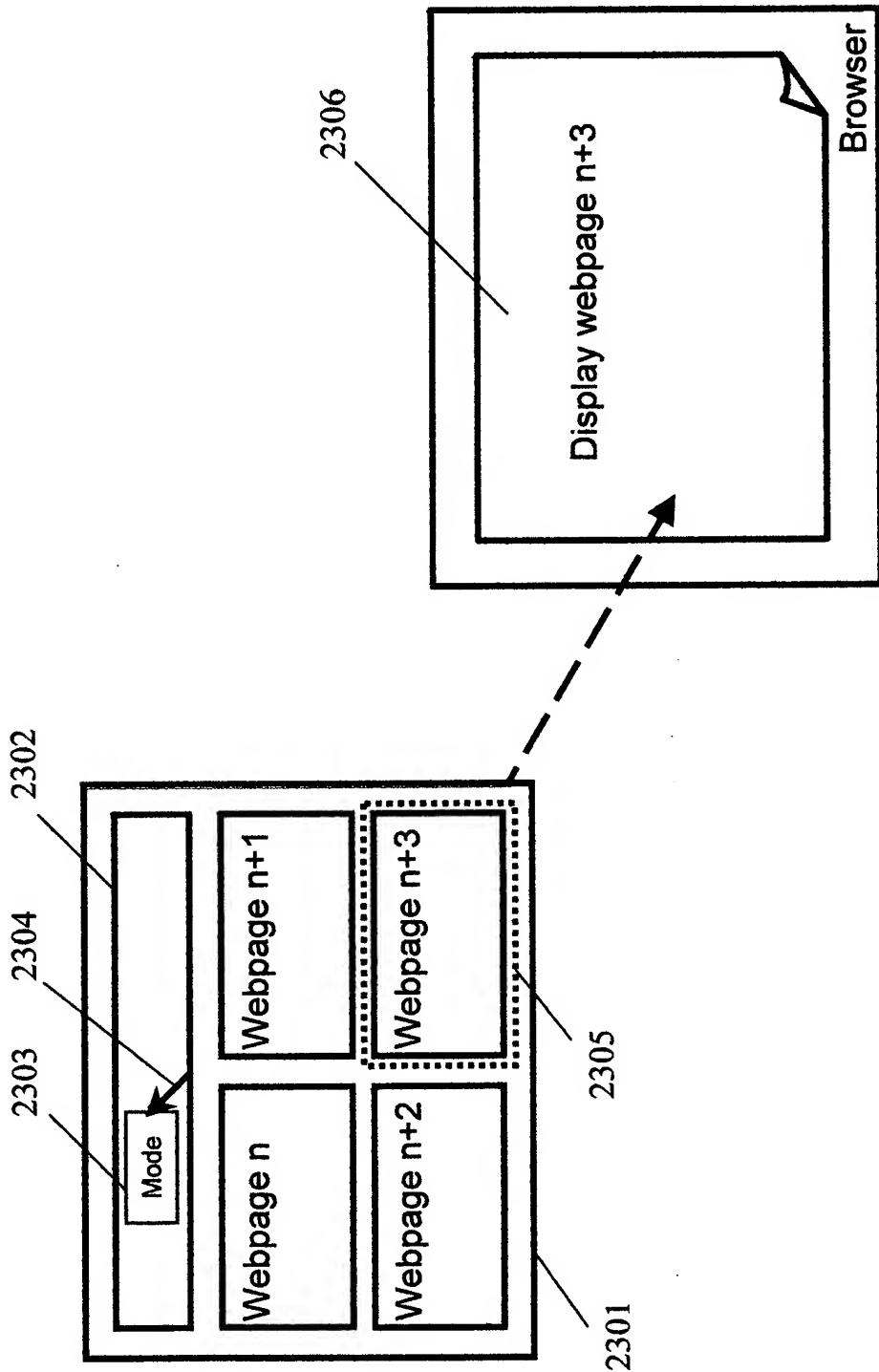


Figure 23

IRDS Enhanced Browser Imaging Function

"Information Retrieval and Display System"

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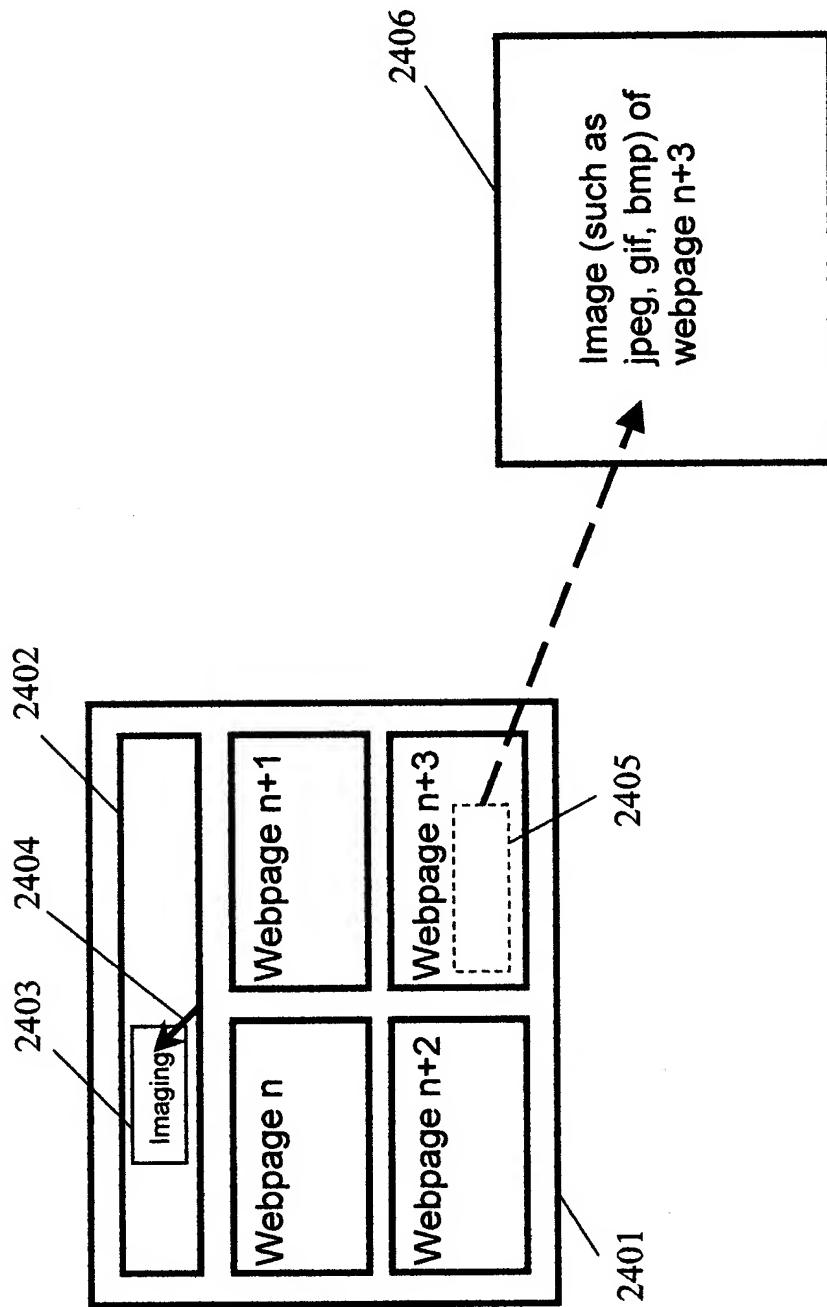


Figure 24

IRDS Enhanced Browser Remove Webpage Function

"Information Retrieval and Display System"

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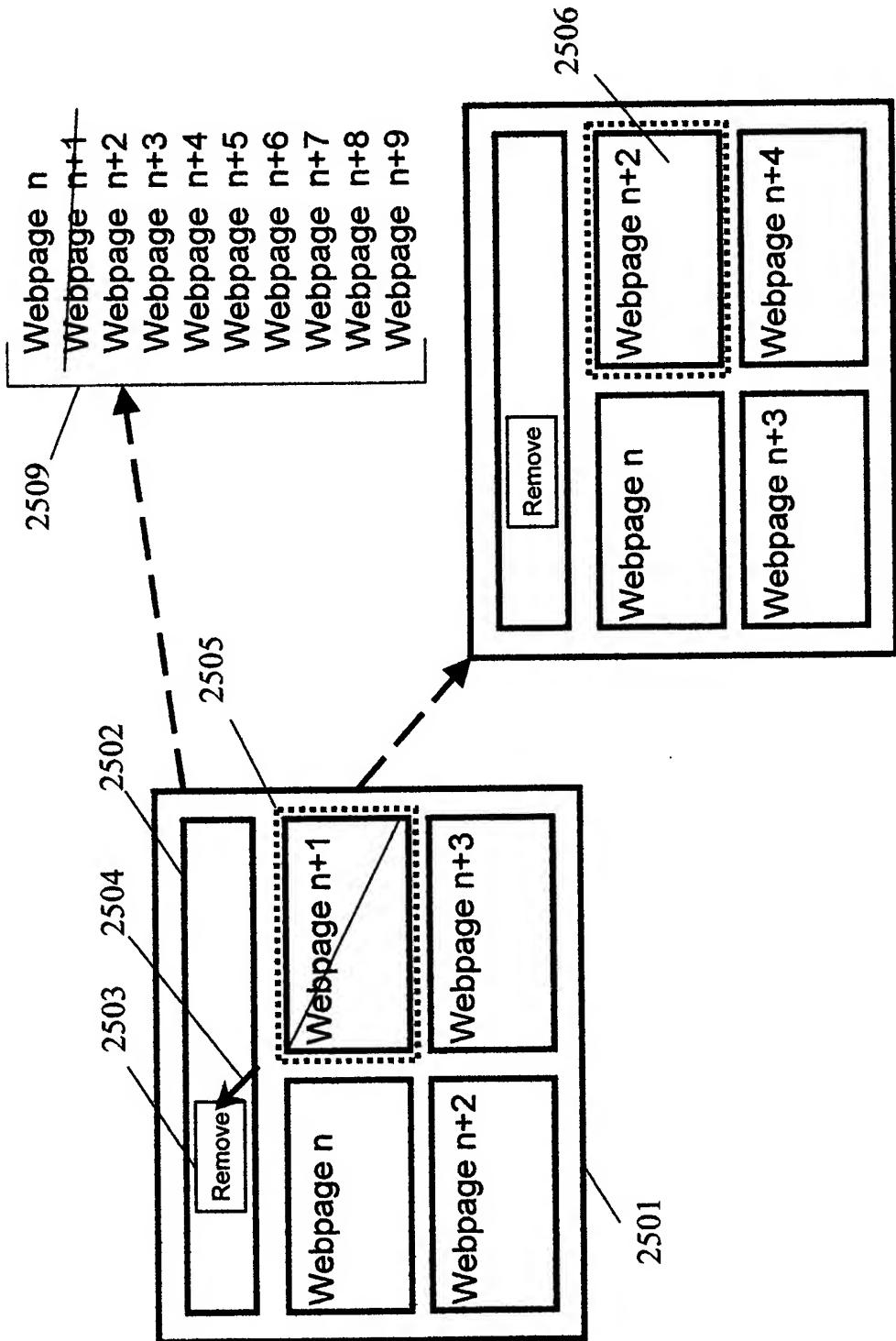


Figure 25

IRDS Enhanced Browser Bookmark Function

“Information Retrieval and Display System”

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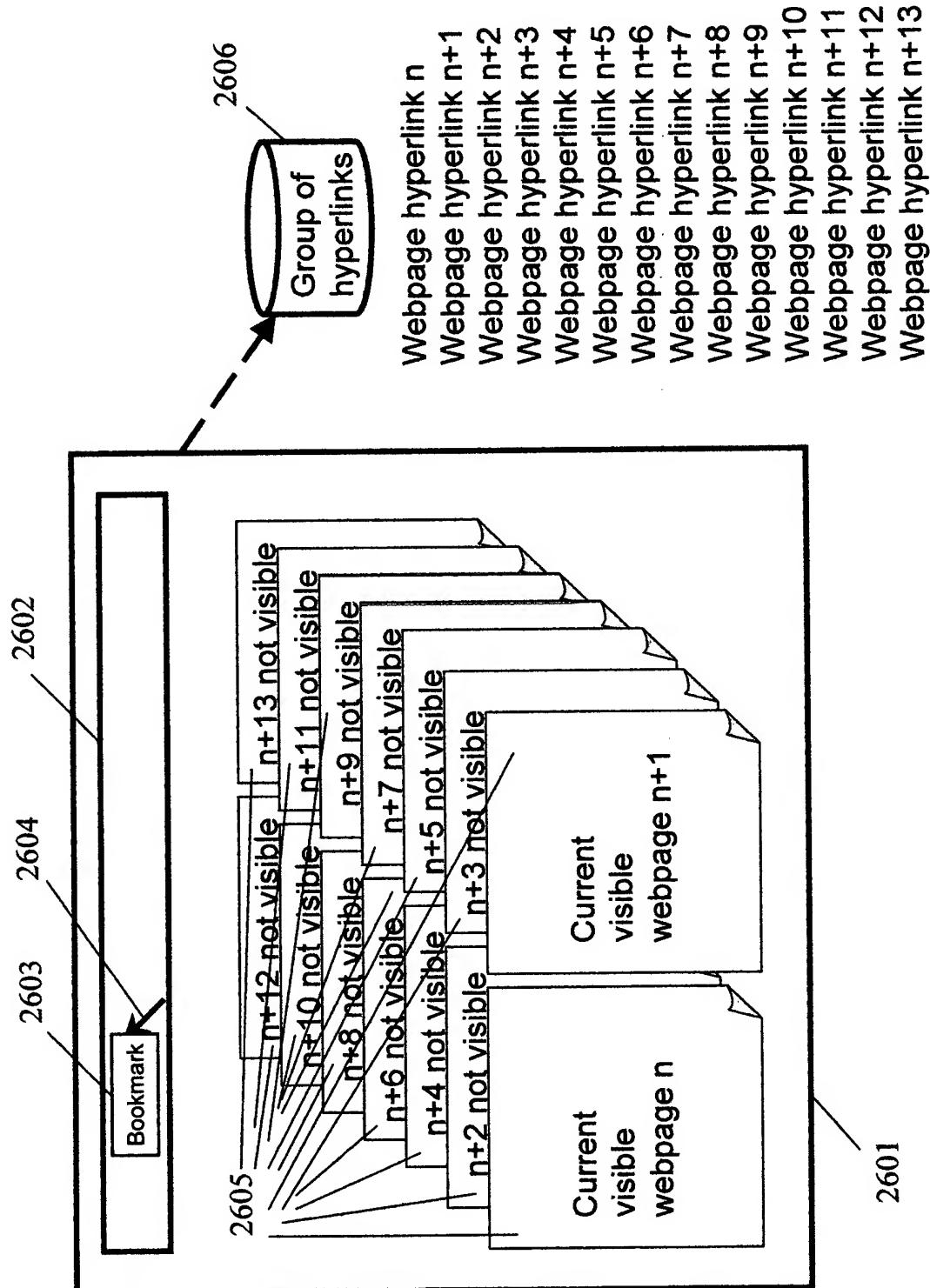


Figure 26

Populating Alternate Set or Queue for Selected Webpages

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

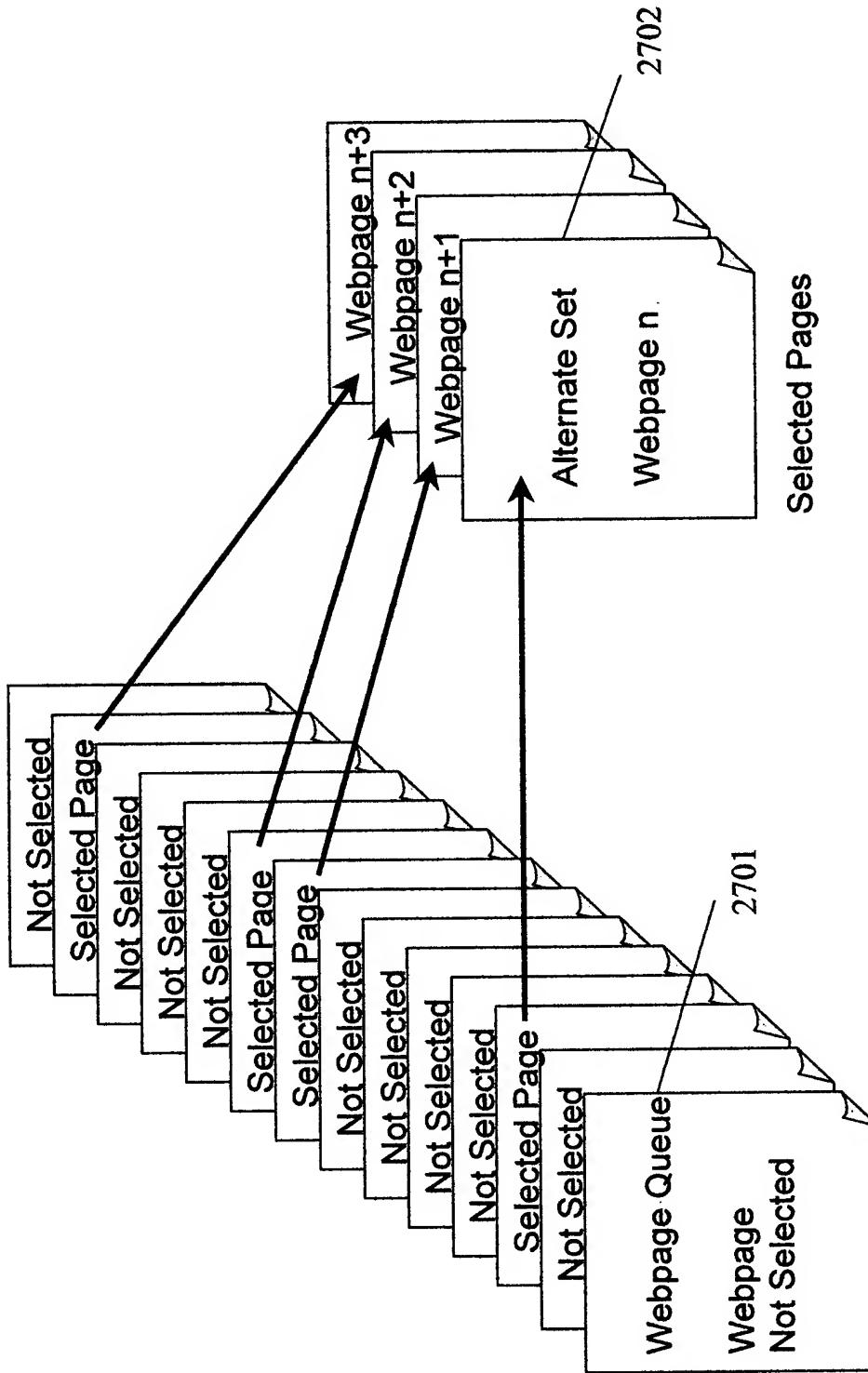


Figure 27